

# Eastern Arizona Amateur Radio Society

EST. 1974

[www.eaars.com](http://www.eaars.com)

INC.



[facebook.com/groups/eaars](https://facebook.com/groups/eaars)

Club Address: EAARS, PO Box 398, Solomon, AZ 85551



*April, 2021*

## JOIN EAARS on Facebook

EAARS has a presence on Facebook and you are invited to **JOIN** the page. This is a great media to quickly share news, photos and events that are EAARS related or might be interesting to the members. If you utilize "Notifications" on the EAARS Facebook page, you can receive club updates **AS THEY HAPPEN**.

To reach the page, please visit **facebook.**

**com/groups/eaars** and **JOIN** the page. You must have a Facebook account to be part of the EAARS group.



## EAARS Open Repeaters

**PL 141.3** unless noted otherwise

**Echolink:** 614350 **IRLP:** 7787

**Heliograph Peak at Safford, AZ:**

146.860, 440.700 Linked

146.900, 447.8250 Not Linked

**Jacks Peak at Silver City, NM:**

145.210 Linked

**West Peak at Ft Thomas, AZ:**

145.350 Access to link to network

**Pinal Peak at Globe, AZ:**

145.410 Linked

**South Mt at Alpine, AZ:**

145.270 Linked

**Caballo Mt at TorC, NM:**

145.470 Linked

**Greens Peak at Show Low, AZ**

146.700 Linked

**Little Florida at Deming, NM:**

147.060 Linked

**Mule Mt at Bisbee, AZ:**

147.080 Linked

**Mt Lemmon at Tucson, AZ**

147.160 Linked

**Guthrie Peak at Clifton, AZ:**

147.280 Linked

# Gals on the Air!

**EST. June 2015**

Calling all Gals of any class ... Join us every Monday night for the  
**Gals Night Net @ 7:30 pm (AZ) on the EAARS system!**

**Facebook.com/groups/galsnightnet**

## Upcoming Events

*Would You like to see your event posted for the membership to see?  
Email your information to [emberfire@cox.net](mailto:emberfire@cox.net).*

**2021**

April 10 ..... RST Spring Hamfest  
May 1 ..... CARA Swap meet  
Nov 20 ..... El Tour de Tucson

Did you know that you can see the Public Service Opportunities on [soazhamservice.net](http://soazhamservice.net)? The events are posted by dates and who leads them. If you are interested in participating or have any questions, please feel free to contact them.

### **WEEKLY EAARS' NETS**

**Every day:**

Down Under Net - 4:15 am

Weather Net - 5:30 am

**Sunday:**

EAARS Net - 7:00 pm

**Monday:**

Gals Night Net - 7:30 pm

**Wednesday:**

Skywarn Net - During Monsoon, Every Wednesday at 7:30 pm,

Off Season, every third Wednesday of month at 7:30 pm

**Saturday:**

ERC (Emergency Response Communications) Net - 7:45 am (8:45am DST)

2nd Saturday of the month (20-25 min duration)

All times are noted on Arizona  
time, as we do not change.



# EAARS Officers and Staff

## Board Officers

President	Dave Wells	N7AM
Vice President	Dan Quaintance	AF7EF
Secretary/Treasurer	Larry Griggs	N5BG

## Staff

Site Trustee	Joe Montierth	K7JEM
Net Manager	Chris Buchanan	N7JND
Newsletter Editor	Angie Buchanan	N7EMB

## Net Control Operators

Rick W8YBM	1st Sunday
Angie N7EMB	2nd-4th Sunday
Chris N7JND	3rd-5th Sunday

## ARRL RADIO CONTESTS

**April 2021**

18 Rookie Roundup – Phone

For details on all ARRL contests and for non-ARRL contests,  
visit <http://www.arrl.org/contest-calendar>

## New EAARS Members!

Tucson	KJ7TIA
Anthony	K7ILH
Nelson	KJ7WCL
Darren	K7VLL
Ronald	KJ7MWU
Reagan	KJ7WCK
Jalan	KI7KLL



# Tucson Has A New EAARS Repeater

By N7JND

If anyone ever asked me where would be the worst place to put a Ham repeater to cover the whole Tucson metropolitan area, the answer would be on or near Mt Lemmon. Up until now, this was the case for many Tucson Hams living on the NW side of Tucson including Oro Valley, parts of Marana and other areas of Tucson such as the Catalina foothills shadowed by Pusch Ridge or the base of the mountain which prevented them from getting into the EAARS system. While Mt Lemmon is a great place to cover a great distance, it's always been a hit and miss for anyone living within or traveling in the northwest quadrant of the Tucson Metro area due to the Pusch Ridge shadow. Remember... repeaters operate on FM which is line of site for the most part. If your antenna can't see the repeater antenna, there's probably going to be issues. GREAT NEWS... THIS HAS BEEN RESOLVED!!!

Thanks to your EAARS membership support and the excellent radio teams involved with our repeaters, we are introducing a second EAARS repeater designed to cover the NW quadrant of the Tucson Metro area. This new EAARS repeater is located near downtown Tucson and looks over the Pusch Ridge shadow. You will also notice that the new downtown EAARS repeater over laps much of the area that Mt Lemmon covers. So, you can use the one that WORKS BEST FOR YOU!!!

Here's the important part you HAVE TO KNOW!!! This new downtown EAARS repeater does NOT use the standard 600 Khz offset. It uses what is known as an ODD SPLIT. So, you must know how to program an Odd Split on your radio to use this repeater. The odd split was chosen due to other RF issues in the area. Although I'm sure they exist, I have personally never seen a radio that can't be programmed with an odd split. Even our inexpensive Baofengs are extremely easy to program an Odd Split using Chirp.

Here's the repeater information you need to know...

**Repeater output is on 147.28**  
**Repeater input is on 146.26**  
**The PL for the repeater is 127.3.**

This PL is different from the EAARS standard of 141.3. Remember the PL is for transmit (encode) only. As with ALL EAARS repeaters, do not set this tone for decode. It's ONLY for ENCODE into the repeater.

Per the previous email that Larry - N5BG put out to all EAARS members, your feedback is encouraged. Let us know how it's working for you. Your FEEDBACK is appreciated.

Feedback can be sent to [eaarsofficers@eaars.com](mailto:eaarsofficers@eaars.com)

As always, much thanks to ALL who support the EAARS system through your yearly membership. Information on joining EAARS, can be found at [eaars.com](http://eaars.com).



# Ham Radio Operators Volunteer Their Time Again

On March 12th – March 14th, Ham Radio Operators were called upon by the Pima County Office Of Emergency Management to provide radio communication support for the American Endurance Ride Conference "Old Pueblo Pioneer" horse event.

This year, as in the past, the event was held at the historical Empire Ranch Airport which although carries a Vail address, is much closer to the town of Sonoita off of Route 83 between I-10 and Sonoita.

Ham Radio Operators were called to participate by the PCOEM. Most of these operators also participated in last years event and they were asked first. There were only so many slots available and once they were filled, no more operators were needed.

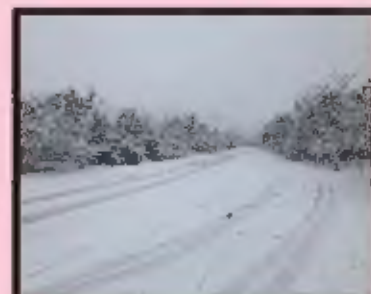
The objectives for the Ham Radio Operators were as follows..

- The primary objective of this incident is to provide communications between radio checkpoints and ride officials in order to provide for safety of and account for all participants, riders and volunteers.
- Establish a net control station at the Empire Ranch Airstrip to respond to requests from radio checkpoints and to provide ride status.
- Position a communicator at each radio checkpoint in case emergency help, SAG, or supplies are required.
- Record riders as they pass through radio checkpoints and report the time of passing to Net Control for use by ride officials.
- Provide timely status of the ride by communicating when the lead rider and last rider reach each radio checkpoint.

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*Thank you to the following  
for submitting pictures:*

*Jim K7ADW  
GREG KC5ZGG  
Hanna KG7TPD  
Chris N7JND*



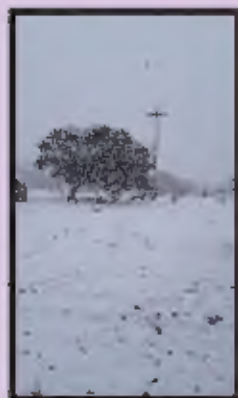
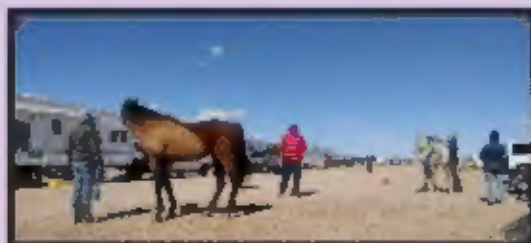
# Ham Radio Operators Volunteer Their Time Again

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Some Hams came down for a day or two and others decided to make a camping weekend out of it by bringing their campers. For us campers that slept over night on Friday, we woke up to snow on the ground Saturday morning which continued throughout the morning as we started positioning ourselves at our checkpoints. Some of these sites are out in the hills which received much more snow than at "Base Camp".

Headed up by COM-L Mike, W7IJ and George, KD7XP as Net Control, the whole operation was extremely professionally ran as a top notch radio event. Much THANKS to all the Hams that came out to provide radio coverage at the various checkpoints. Keep in mind... This event is out in the middle of nowhere and cell phone coverage is at an extreme minimum or NO COVERAGE AT ALL. This is why radio communications is extremely valuable. Job Well Done!!!

One of the great paths you can travel down as a Ham Radio Operator, is to participate in Community Events as a volunteer radio operator. Information on many of the local events, are posted right here in the EAARS Newsletter. As we slowly start coming out of the pandemic, we will start seeing a lot more events needing our assistance.





# **World Amateur Radio Day (WARD) 2021 IS Sunday, April 18**

ARRL - 03/31/2021

World Amateur Radio Day (WARD) 2021 is Sunday, April 18. On that day in 1925, the International Amateur Radio Union (IARU) was formed in Paris. Today, the IARU is a worldwide federation of national amateur radio organizations. The IARU has chosen "Amateur Radio: Home but Never Alone" as its WARD 2021 theme, acknowledging the many ways throughout the COVID-19 pandemic that amateur radio has remained a welcome respite for its variety of activities and opportunities -- even helping overcome online fatigue and social isolation. ARRL has information to help all radio amateurs plan for World Amateur Radio Day.



## **Online Comm Academy 2021 is Set for April 11 - 12**

ARRL - 03/31/2021

The 2021 Comm Academy is 2 days of training, talks, and information on emergency communications and amateur radio. This year's theme is Disasters Here, There, and Everywhere — Are We Ready?

Registration is free and required to gain access to the complete schedule and academy materials. The Academy is entirely virtual and hosted online. Headquartered in Seattle, Washington, Comm Academy is attended and supported by organizations including the Amateur Radio Emergency Service (ARES®); Radio Amateur Civil Emergency Service (RACES); Auxiliary Communications Service (ACS); EOC Support Teams; Civil Air Patrol; Coast Guard Auxiliary; REACT, and CERT, among others.

All interested in emergency and amateur radio communications are welcome to network and share experiences. The event focuses on education for communications leaders, volunteers, and professionals.





## **The Cochise Amateur Radio Association**

2756 S Moson Rd, Sierra Vista, Arizona 85650

Presents The

### ***Cochise Hamfest and 7<sup>th</sup> Area***

### ***Phone/CW/Digital Communications Exercise***

**Saturday, May 1st, 2021**

**FREE PARKING AND ADMISSION: Hamfest Gate Opens at 0700  
AMATEUR RADIO LICENSE TESTING: 0900 to 1100**

**PRIZE DRAWING @ 1200 NOON TALK IN: 146.76(-) PL 162.2  
TAILGATING - \$5, INSIDE TABLES - \$10**



First Prize: Alinco DX SR4T SDR HF transceiver

Second Prize: Yaesu FTM-7250DR Mobile dual band transceiver

Third Prize: Yaesu FT-700DR

Fourth Prize: Diamond K50A Dual Band Antenna

Local Sierra Vista Accommodations and Shopping within 15 minutes of Hamfest Site

**VISIT US ON THE WEB AT <http://www.k7rdg.org>**

For More Info Contact: KE0ABP Tom - [ke0abp@arrl.org](mailto:ke0abp@arrl.org)

**See You There!!!**







# Rise and Shine!!! with the Made it through the Night Gang Weather Net

0530 Mountain Standard Time Daily on the EAARS  
System

Weather and  
Conversation

Get a handle on the local weather from your fellow HAM operators  
around the EAARS coverage area and get to know them  
better.

KC7OMZ - Walt Emeritus Net  
Control

W7G8P - Steve Net  
Control

K1VM - Keith Weather  
Recorder



# RST

Radio  
Society of Tucson

## TUCSON SPRING HAMFEST

Saturday April 10th  
7AM - 11 AM

Free Admission and On Street Parking



### Elliott Electronic Supply

1301 South Tyndall Ave  
Tucson, AZ

<https://www.elliottelectronicsupply.com/>

Tabletop Equipment  
Emergency  
Parts, Tools, etc.  
More

Morning  
Breakfast

ARRL Awards  
Checking

Seller setup starting at 5AM. All seller/vendor spaces are  
\$10/parking space. Coffee ready at 6 AM.

### RAFFLE

Tickets: \$2 each, 3 for \$5, 7 for \$10  
Need not be present to win.

### PRIZES:

ICOM IC-7300 160m thru 10m SDR Based Transceiver  
Yaesu FT790 Fusion Ready Handheld  
Daiwa CN-901V 140-525 MHz SWR / Watt Meter  
Daiwa CN-901HP 1.8-100 MHz SWR / Watt Meter  
Target Gift Cards, \$100 and \$25  
ARRL Gift Certificates \$50, \$25, and \$25

Map and information: <http://www.rstaz.org>

# Other Club Stuff

RST holds FREE VE testing on the following dates, 7:00 pm at  
Biscuits Country Cafe, 7026 E Broadway, Tucson.

2021	
	July 12
	Aug 9
Apr 12	Sep 13
May 10	Oct 11
June 14	Nov 8
	Dec 13

Our club in no way competes with EAARS, In fact, many members of the new club are EAARS members as well. The Tortolita Radio Club has no dues, no rules, no monthly meetings, NEVER any repeaters. We focus on spreading the gospel of HF radio with monthly on-air operating events. We began in 2016 with National Parks on the Air and have continued until the virus interrupted, for a total of over 50 events. We have a website: [www.tortolita-rc.com](http://www.tortolita-rc.com) We have a groups-io email reflector. We have applied to ARRL for club affiliation. We have been issued a callsign by FCC (KJ7RCX) and have applied for vanity callsign KT7RC. We accept members regardless of affiliation with other clubs but we don't actively solicit new members since no money accrues to a club with no dues. We currently have 45 active members, and I stress ACTIVE members.

73 de W8TK  
Tom Kravec

**If you live in the Graham or Greenlee County and are interested in a VE Testing session, please feel free to contact the EAARS President, Dave Wells @ 928-965-8327.**

**Do you have any club news to share?  
It can be posted on this page.  
Send your info to Angie - [emberfire@cox.net](mailto:emberfire@cox.net).**



Cooking up  
Some Magic



# Smoked Pork Butt with Potatoes and Cabbage

Courtesy of  
The Spruce Eats



*This smoked pork butt recipe with potatoes and cabbage can easily pass for Eastern European-style corned beef and cabbage with its mixture of sweet and savory flavors. Instead of corned beef brisket, however, this recipe features pork butt, offering a slightly different taste and texture.*

*If you aren't familiar with a pork butt, this cut actually has nothing to do with the hindquarters of a pig. The butt refers to the butt of the upper shoulder (the lower portion of the shoulder is the picnic). This cut is also known as Boston butt.*

*If you happen to have leftovers, they can be turned into soup or another meal over noodles. Smoked pork butt is also a good candidate for a slow cooker or pressure cooker if you follow the manufacturer's directions.*

## Ingredients

3 pounds boneless smoked pork butt  
Water (enough to cover the pork butt)  
3 tablespoons brown sugar  
1 medium to large cabbage (cut into 8 pieces)  
5 black peppercorns  
6 medium potatoes (peeled but left whole)

Prep: 10 mins

Cook: 2 hrs

Total: 2 hrs 10 mins

Servings: 6 servings

## Steps to Make It

1. Place smoked pork butt in a Dutch oven or stockpot. Add water to cover and add brown sugar. Cover pot and bring to a boil.
2. Reduce heat and simmer, partially covered, for 2 hours. (A pork butt requires about 40 minutes per pound.)
3. Halfway through the cooking process (after 1 hour), add the cabbage and peppercorns. Bring back to the boil, reduce the heat, and continue to simmer.
4. About 30 minutes before the cooking time is up, add the whole potatoes. Return to the boil, reduce the heat, and continue to simmer, partially covered, until the potatoes and meat are tender.
5. Transfer the meat to a cutting board and slice. Arrange on a platter with cabbage wedges and whole potatoes.

kiss the  
cook